

FIG. 1A

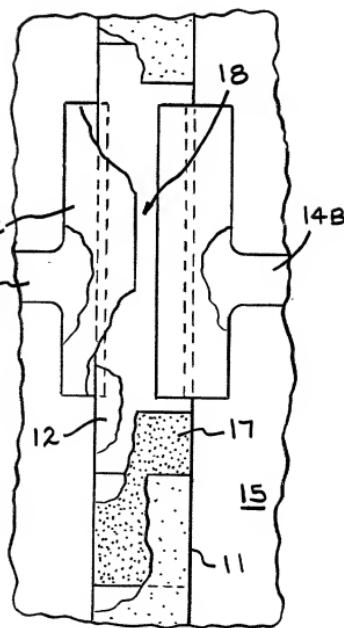
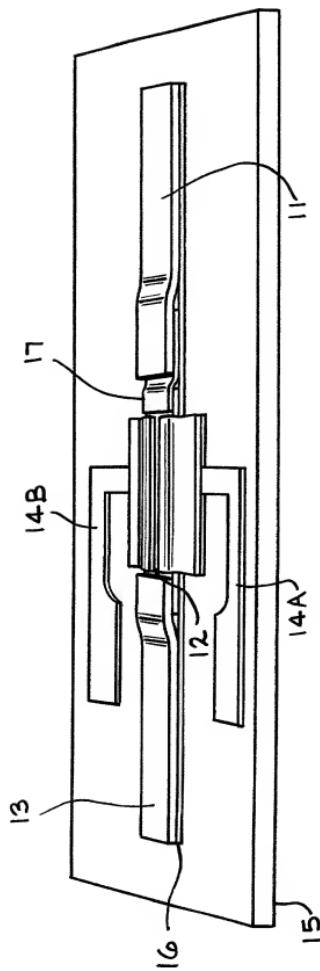


FIG. 1B

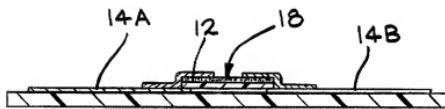
+



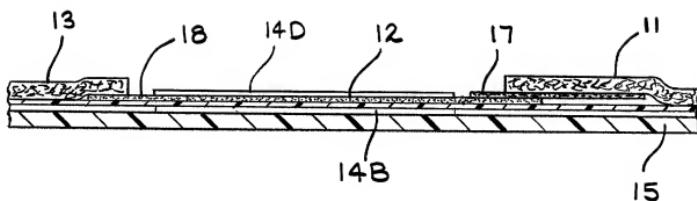
-FIG.1C

+

+

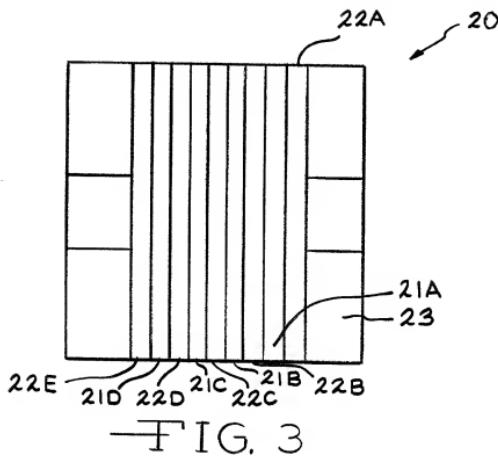
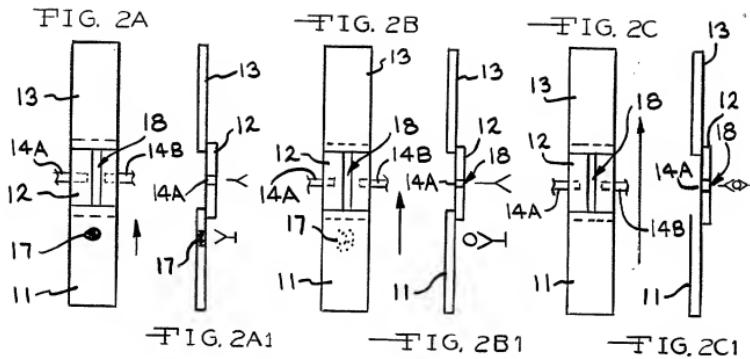


— FIG. 1D



— FIG. 1E

+



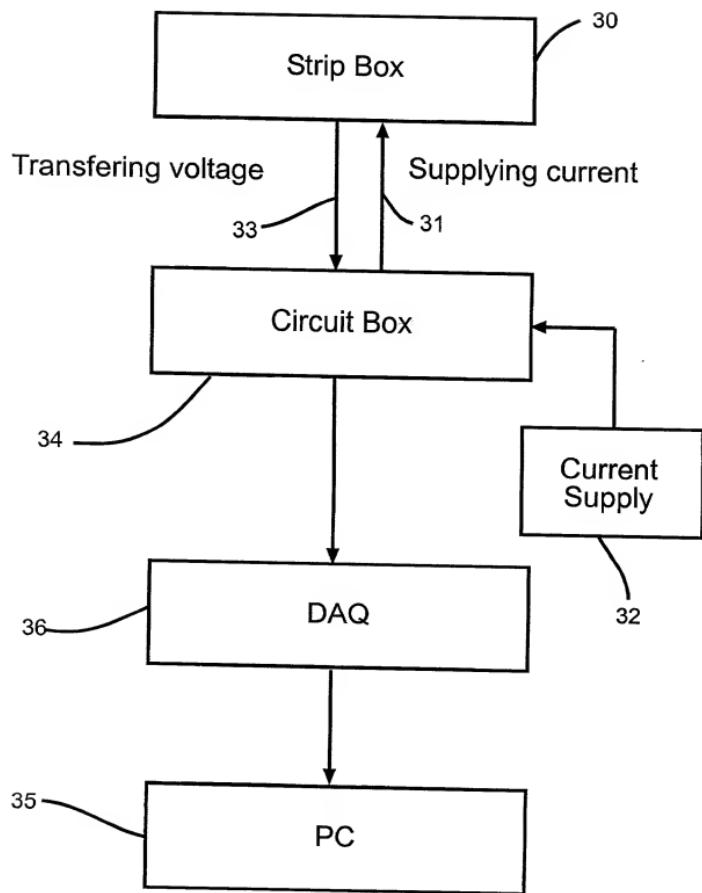


FIG. 4

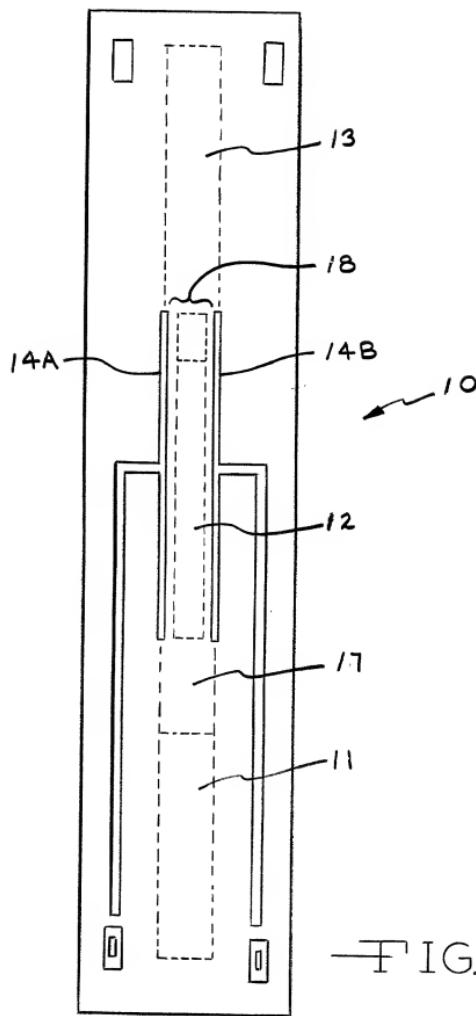


FIG. 5

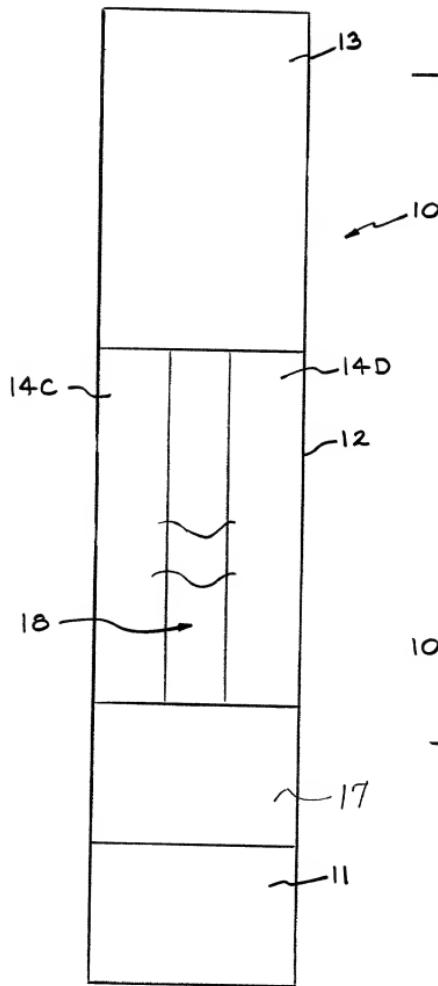


FIG. 6

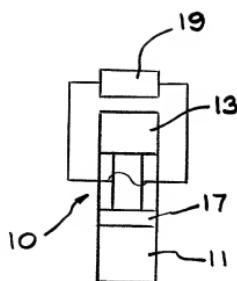


FIG. 6A

Varying concentration of *E.coli* T015:H1 vs changes in resistance (1mm gap size)

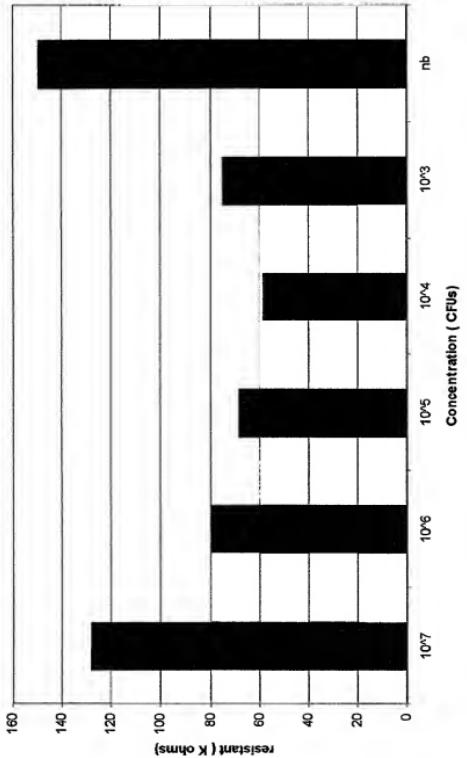


FIGURE 7

Filtered apple cider samples with inoculated *E. coli* O157:H7 (0.8mm gap size)

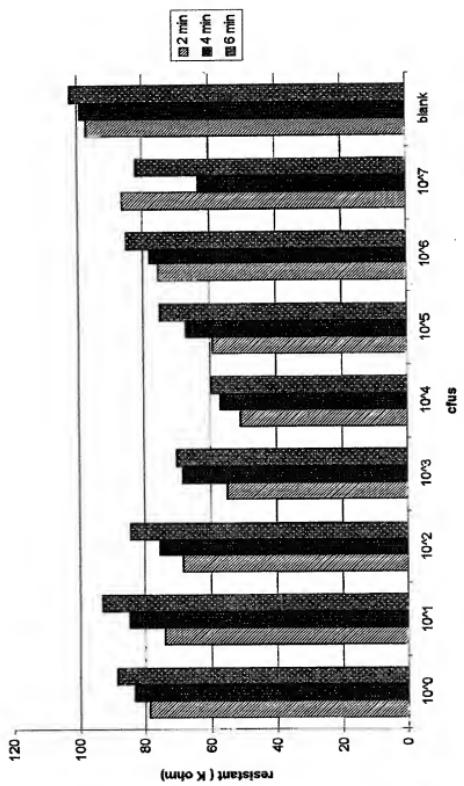


FIGURE 8

Water Samples Inoculated E. Coli O147:H7 (0.5 mm gap size)

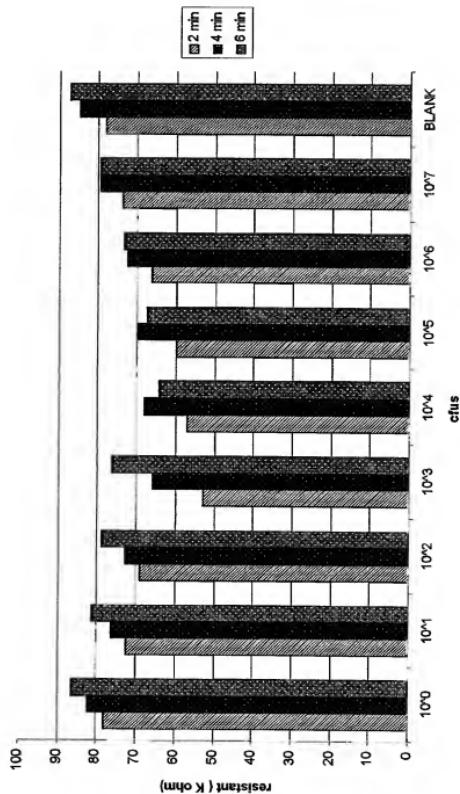


FIGURE 9

FIGURE 10

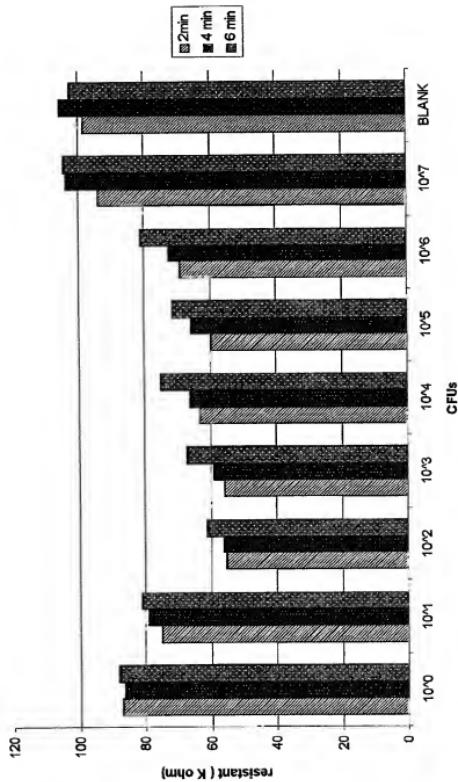




FIGURE 11